| Index of Claims |  |  |  |  |  |  |  |  |  |  |  |
|-----------------|--|--|--|--|--|--|--|--|--|--|--|
|                 |  |  |  |  |  |  |  |  |  |  |  |

| Applica | tion/Con | trol | No. |
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10/613,589 Examiner

Callie E. Shosho

Applicant(s)/Patent under Reexamination

SUDA ET AL. Art Unit

1714

| √ | Rejected |
|---|----------|
| _ | Allowed  |

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
|   | Restricted                     |

| Z | Non-Elected  |
|---|--------------|
| ı | Interference |

| Α | Appeal   |
|---|----------|
| 0 | Objected |

| Cla  | aim      |          |  | Da       | te                      |          |   |           | Cla   | aim      |  |          |          | Date     | )        |         |                     | CI    | aim        |                 |                 |          | C         | ate      |          |                   |   |
|--|----------|----------|--|----------|-------------------------|----------|---|-----------|-------|----------|--|----------|----------|----------|----------|---------|---------------------|-------|------------|-----------------|-----------------|----------|-----------|----------|----------|-------------------|---|
| Final  | inal     | 705      |  |          |                         |          |   |           | a     | inal     |  |          |          |          |          |         |                     | व     | inal       |                 |                 |          |           |          |          |                   |   |
| ιĒ   | Original | 7/22/05  |  |          |                         |          |   |           | Final | Original |  |          |          |          |          |         |                     | Final | Original   |                 |                 |          |           |          |          |                   |   |
|  | 1        | 1        |  |          |                         |          | $\top$  | $\exists$ |       | 51       |  |          | $\top$   | 1        | $\top$   | +       | Ħ                   |       | 101        |                 | $\dashv$        | $\neg$   | 寸         | 寸        | 1        | $\top$            | 十   |
|  | 2        |          |  |          |                         |          |   |           |       | 52       |  |          |          |          |          |         |                     |       | 102        |                 |                 |          | T         | T        |          | $\neg$            | 十   |
|  | 3        | Ш        |  | _        | $\perp$                 |          | $\perp$   |           |       | 53       |  |          |          |          |          |         |                     |       | 103        |                 |                 |          |           |          |          |                   | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Box}}}$ |
| <u> </u>   | 4        | Щ        |  | _        | 4-1                     |          | _   | _         |       | 54       |  | Ш        |          |          | -        |         | Ш                   |       | 104        |                 | Ц               | $\perp$  | _         | $\dashv$ | _        | _                 | $\bot$  |
| <u> </u>   | 5        | -        |  | _        | +                       | _        | $\dashv$  | 4         |       | 55       |  | Н        |          | -        | $\dashv$ | -       | Ш                   |       | 105        |                 |                 | _        | _         | _        | _        | $\rightarrow$     | $\bot$  |
| <u> </u>   | 7        | H        | <del>├</del>                                     |          | +                       | _        | $\dashv$  | 4         |       | 56       | <u> </u>   | $\dashv$ | +        | +        | +        | +-      |                     |       | 106        |                 |                 |          | -         | $\dashv$ |          | $\dashv$          | +   |
| <u> </u>   | 8        | ╫        | <del>  -   -  </del>                             | +        | +                       | $\dashv$ | +   | $\dashv$  |       | 57<br>58 | H  | $\dashv$ | +        | +        |          | +       | Н                   |       | 107<br>108 |                 | H               | $\dashv$ | -         | $\dashv$ | +        | $\dashv$          | +   |
|  | 9        | H        | <del>                                     </del> | $\dashv$ | +                       | $\dashv$ | $\dashv$  | $\dashv$  |       | 59       | $\vdash$   | $\dashv$ | -        | +        | $\dashv$ |         | Н                   |       | 109        |                 | $\vdash$        | $\dashv$ | -         | $\dashv$ | +        | +                 | ╬   |
|  | 10       | H        |  | _        | $\top$                  |          | $\dashv$  |           |       | 60       |  | $\vdash$ | $\dashv$ | +        | $\dashv$ | ╁       | Н                   |       | 110        |                 | $\vdash$        | $\dashv$ | $\dashv$  | $\dashv$ | _        | +                 | +   |
|  | 11       | Ħ        |  |          |                         |          | $\top$  |           |       | 61       | T  |          | $\dashv$ | +-       | $\neg$   | 1       | П                   |       | 111        |                 |                 | _        | 寸         | 寸        |          | $\dashv$          | 十   |
|  | 12       | V        |  |          |                         |          |   |           |       | 62       |  | $\Box$   |          |          |          |         |                     |       | 112        |                 | Ħ               | $\neg$   | T         |          | $\dashv$ | $\dashv$          | $\top$  |
|  | 13       | Ľ        | $\Box\Box$                                       |          |                         |          |   |           |       | 63       |  |          |          |          | $\Box$   |         |                     |       | 113        |                 |                 |          |           |          |          |                   | 工   |
|  | 14       | <u> </u> | $\sqcup \sqcup \sqcup$                           |          | $\perp \perp$           | $\Box$   | $\perp$   | _         |       | 64       |  | Ш        | $\perp$  | oxdot    | $\bot$   |         | Ш                   |       | 114        |                 | Ш               | $\Box$   | J         | I        | $\Box$   | $oldsymbol{\bot}$ | $\perp$   |
| <u> </u>   | 15       |          |  | 4        | 1-1                     | $\dashv$ | _   | _         |       | 65       |  |          | _        | $\perp$  |          |         | Ш                   |       | 115        |                 |                 |          | _         | _        | _        | 4                 | 4   |
| <u> </u>   | 16<br>17 | $\vdash$ | $\vdash \vdash \vdash$                           | -        | +                       | $\vdash$ | $\dashv$  | _         |       | 66       | _  |          | +        | +        | -        | +       |                     |       | 116        |                 | -               | _        | _         | 4        | $\dashv$ | 4                 | +   |
| <u> </u>   | 18       | ┝        | <del>├</del> ┼╌┼                                 | -        | +                       | $\dashv$ | -+  | -         |       | 67<br>68 | ⊢  | $\vdash$ | $\dashv$ | +        |          | +       |                     |       | 117        |                 |                 | $\dashv$ | -         | $\dashv$ | -        | -                 | 4   |
| <del>                                     </del> | 19       | ┝        | ╂┼┼┼   | +        | ╁╌┪                     | -        |   | $\dashv$  |       | 69       | -  | Н        | +        | +        | +        | +       | Н                   |       | 118<br>119 |                 |                 | $\dashv$ | $\dashv$  | -        | -        | $\dashv$          | +   |
| <u> </u>   | 20       | H        | <del>                                     </del> |          | ╅                       | $\dashv$ | -+  | $\dashv$  |       | 70       | -  | H        |          |          | $\dashv$ | +-      | Н                   | -     | 120        |                 |                 | $\dashv$ | $\dashv$  | $\dashv$ | $\dashv$ | +                 | +   |
|  | 21       | H        |  | +        | + 1                     |          | $\top$  | -         |       | 71       | ┢╌   | -        | +        | +        |          | +       |                     |       | 121        |                 | H               |          | $\dashv$  | $\dashv$ | 十        | $\pm$             | +   |
|  | 22       |          |  | _        |                         |          | $\dashv$  |           |       | 72       | <u> </u>   | $\Box$   | $\dashv$ | $\top$   | $\top$   | +       | П                   |       | 122        |                 | -               | 寸        | 寸         | $\dashv$ | T        | 十                 | 十   |
|  | 23       |          |  |          |                         |          |   |           |       | 73       |  |          |          | 1        | $\top$   | 一       | П                   |       | 123        |                 | T               | $\neg$   | $\exists$ | 寸        | 1        | 7                 | 十   |
|  | 24       |          |  |          |                         |          |   |           |       | 74       |  |          |          |          |          |         |                     |       | 124        |                 |                 |          |           |          |          | $\Box$            |   |
|  | 25       |          |  |          |                         |          | $\perp$   | _         |       | 75       | $ldsymbol{f eta}$                                | Ц        |          |          |          |         |                     |       | 125        |                 |                 |          |           | $\Box$   |          | $\Box$            | $\perp$   |
|  | 26       | <u> </u> | $\vdash$   | _        | $\perp$                 | $\Box$   | _   | 4         |       | 76       | _  |          | _        | $\perp$  |          | $\bot$  | Ш                   |       | 126        |                 | $\Box$          | _        |           | $\dashv$ | _        | $\dashv$          | $\perp$   |
|  | 27       | _        | -  |          | -                       | -        | -   |           |       | 77       | <u> </u>   |          | _        | $\bot$   |          | +       | $\vdash$            |       | 127        |                 | Ц               | _        | $\dashv$  | $\dashv$ | $\dashv$ | $\dashv$          | _   |
| <u> </u>   | 28<br>29 | -        |  |          | +                       | -        | -   | $\dashv$  |       | 78<br>79 | $\vdash$   | $\dashv$ |          | +        | -        | +       | -                   |       | 128        |                 | $\dashv$        | -        |           | $\dashv$ | $\dashv$ | $\dashv$          | +   |
| -  | 30       | ┝        | ╂═┼═╂  |          | +                       | $\dashv$ | $\dashv$  | -         |       | 80       | $\vdash$   | -        |          | +        |          | +       |                     |       | 129<br>130 | -               | $\dashv$        | -        |           | $\dashv$ | +        | +                 | +   |
|  | 31       | _        | <del>                                     </del> |          | ╁                       | $\dashv$ | $\dashv$  | $\dashv$  |       | 81       | <del>                                     </del> | $\dashv$ | -+-      | +        | +        | +       | Н                   |       | 131        | $\vdash$        | $\dashv$        | -        | $\dashv$  | $\dashv$ | $\dashv$ | +                 | +   |
|  | 32       | -        |  | _        | +                       |          | $\dashv$  | $\dashv$  |       | 82       |  | $\dashv$ | +        | +        | $\dashv$ | +-      | Н                   |       | 132        |                 | $\vdash$        | $\dashv$ | $\dashv$  | $\dashv$ | $\dashv$ | +                 | +   |
|  | 33       |          |  | $\top$   | $\top$                  |          | 1   |           |       | 83       |  | $\dashv$ | $\dashv$ | +        |          | $\top$  | Н                   |       | 133        |                 | Ħ               | 寸        | $\dashv$  | 寸        | $\dashv$ | 十                 | +   |
|  | 34       |          |  |          |                         | П        |   |           |       | 84       |  | П        |          | $\sqcap$ | $\neg$   |         | П                   |       | 134        |                 | Ħ               | ヿ        |           | $\dashv$ | T        | 十                 | $\top$  |
|  | 35       |          |  |          | $\Box$                  |          | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Box}}}$ |           |       | 85       |  |          |          |          |          |         |                     |       | 135        |                 |                 |          | _†        |          | 寸        | 丁                 |   |
|  | 36       |          |  |          | П                       | $\Box$   | $\Box$  |           |       | 86       |  |          |          | $\Box$   |          | $\perp$ |                     |       | 136        |                 |                 |          |           |          | J        | $\Box$            | $\Box$  |
| <u> </u>   | 37       |          | $\sqcup \sqcup$                                  | $\perp$  | $\downarrow \downarrow$ |          | $\perp$   | _         |       | 87       | Щ  |          |          | Ш        | $\perp$  |         | Ц                   |       | 137        |                 |                 | $\Box$   | $\Box$    | $\Box$   |          | $\bot$            | $\perp$   |
| <u> </u>   | 38       | <u> </u> | $\vdash \vdash \vdash$                           | _        | +                       | $\dashv$ |   | _         |       | 88       | Щ  | $\sqcup$ |          | $\bot$   | $\perp$  | $\bot$  | Ш                   |       | 138        |                 |                 | _[       | _[        |          | $\Box$   | $\bot$            | $\perp$   |
| <u> </u>   | 39<br>40 | -        |  | _        | $\dashv$                | $\dashv$ | +   | -         |       | 89       | $\vdash$   | $\vdash$ |          | +        | +        | +       | Н                   |       | 139        | $\vdash$        | $\vdash \vdash$ |          | 4         | 4        | 4        | $\dashv$          | +   |
| <u> </u>   | 41       | $\vdash$ | <del>                                     </del> | -        | +                       | $\dashv$ | +   | -         |       | 90<br>91 | $\vdash\vdash$                                   | $\vdash$ | +        | +        | +        | +       | $\vdash \vdash$     |       | 140        | $\vdash \vdash$ | $\vdash \vdash$ |          | $\dashv$  | $\dashv$ | $\dashv$ | +                 | +   |
| ļ. ——  | 42       | $\vdash$ | H  | +        | + +                     | $\dashv$ | $\dashv$  | $\dashv$  |       | 92       | $\vdash$   | $\dashv$ | $\dashv$ | +        | +        | +       | ${oldsymbol{dash}}$ |       | 141<br>142 | $\vdash$        | $\vdash$        | $\dashv$ | $\dashv$  | -+       | $\dashv$ | +                 | +   |
|  | 43       | -        | <del>-   -  </del>                               | +-       | +                       | $\dashv$ | 十   | $\dashv$  |       | 93       | H  | $\vdash$ | +        | +        | $\dashv$ | +       | $\vdash \vdash$     |       | 143        | $\vdash$        | $\dashv$        |          | $\dashv$  | +        | -+       | +                 | +   |
|  | 44       |          |  | _        | $\top$                  | $\vdash$ | +   | -         |       | 94       | Н  | $\Box$   | +        | $\top$   | +        | +       | Н                   |       | 144        | $\vdash$        | $\vdash$        | $\dashv$ | +         | $\dashv$ | $\dashv$ | +                 | +   |
|  | 45       |          |  |          | $\top$                  |          | $\top$  |           |       | 95       |  |          | $\neg$   | T        | $\top$   | _       | Н                   |       | 145        |                 | $\vdash$        | $\dashv$ | 7         | 1        | _        | +                 | 十   |
|  | 46       |          |  |          |                         |          | $\Box$  |           |       | 96       |  |          |          |          |          |         | П                   |       | 146        |                 | $\vdash$        | $\dashv$ | 7         | 1        | $\dashv$ | 十                 | $\top$  |
|  | 47       |          |  |          |                         |          |   |           |       | 97       |  |          |          |          |          | $\perp$ |                     |       | 147        |                 |                 |          |           | _†       |          |                   | 十   |
| <u>_</u>   | 48       |          |  |          | П                       |          |   |           |       | 98       |  |          |          |          | $\perp$  |         |                     |       | 148        |                 |                 | 丁        |           |          | 丁        | 丁                 | 丁   |
|  | 49       | <u> </u> | $\sqcup \sqcup$                                  |          | 44                      | [        | $\perp$   | _         |       | 99       | Ш  |          |          | $\Box$   |          |         | Ш                   |       | 149        |                 |                 | $\Box$   | $\Box$    |          |          | $\Box$            | $\perp$   |
| L  | 50       |          | ᆫᆚᆜ  |          | $\perp$                 |          | L   | _         |       | 100      |  | Ш        |          |          |          |         |                     |       | 150        |                 | ΙĪ              | I        | П         | I        |          |                   | - [   |